

A method for multitone processing an N level digital image to produce an M level digital image wherein  $M < N$ , includes the steps of:  
determining M reconstruction levels based on the gray level distribution of the N  
5 level image; and applying multilevel dithering to the N level digital image using  
the M reconstruction levels to produce the M level digital image.

A method for multitone processing an N level digital image to produce an M level digital image wherein  $M < N$ , includes the steps of:

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